

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION

WIN-1887

Effective Date: April 1, 2014

Reevaluation Date: **May 2015**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Windquest V707 Vinyl Horizontal Slider Windows, Non-Impact Resistant, manufactured by

Kolbe & Kolbe Millwork Co., Inc.
1323 South Eleventh Avenue
Wausau, Wisconsin 54401
Telephone: (715) 842-5666

General Description:

System	Description	Label Rating	Design Pressure Rating (psf)	HallMark Certification
1	Windquest V707 Vinyl Horizontal Slider Window	R-PG70 72 x 48 – HS HS-R70 72 x 48	+70/-70	416-H-1002.00 416-H-1002.01

Product Dimensions:

System	Overall Size	Operating Sash Size	Fixed Sash Glass Daylight Opening Size
1	72.00" x 48.00"	35.25" x 45.50"	32.50" x 43.13"

Product Identification (Certification Agency Label on Window):

System		
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Kolbe & Kolbe Millwork, Co., Inc.
	Product Name	Windquest V707 Horizontal Sliding Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05 AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Installation:

Design Drawings:

System 1: Drawing No. 08-02171, titled "Windquest V707 Single Slider 72 x 48 Non-Impact," sheets 1 through 9 of 9, dated July 26, 2013, signed and sealed by Luis R. Lomas., P.E on July 26, 2013. The stated drawings will be referred to as the approved drawings in this evaluation report.

Wall Framing Construction: The windows may be mounted to several types of wall framing construction. The types of wall framing construction allowed include:

- Concrete (minimum compressive strength: 3,192 psi)
- Hollow concrete block (ASTM C-90, Grade N, Type 1 (or greater))
- Wood dimension lumber (minimum Spruce-Pine-Fir)
- Steel (18 ga,33 ksi)
- Aluminum (6063-T5, 1/8" minimum thickness)

Installation Details:

System 1:

- Refer to Sheet 1 of 9 thru Sheet 2 of 9 the approved drawings for elevation and notes.
- Refer to Sheets 4 of 9 thru 8 of 9 of the approved drawings for installation details.
- The approved drawings indicate the minimum embedment depths for the fasteners and the minimum edge distances (minimum distance fastener must be from the edge of the substrate material) for the fasteners.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.